Bike Guardian

Wireless Brake Light & Burglarproof

APTOS DESIGN LAB

ADSB001-0

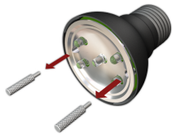
Receiver

Size	72mmx32mmx12mm
Power (Operation time)	25hrs/TBD (AAA battery x 1)
Transmission Distance	50m typ. (Open Space)
Operating Temperature	0°C ~ +60°C (Excluding Battery)
Relative Humidity	5% to 95%, non-condensing
Frequency	ISM, 2.4GHz ~ 2.5GHz
Output Power	0dBm, typ.
Power Supply	1.5VDC (typ.)
Sensitivity	±8g for three axis (adjustable by software)
Red LED	Alarm Indicator
Blue LED	Daytime Indicatior
Green LED	Nighttime Indicator
Yellow LED	Low battery Indicatior
Voice	One buzzer for alarm

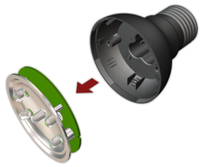
GETTING STARTED

Burglar Alarm Device Installation and Use

1. Left turn to take the lampshade off.

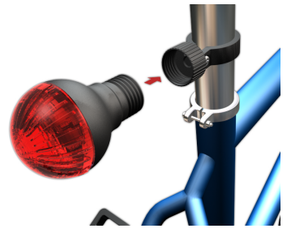


2. Left turn to remove screws.

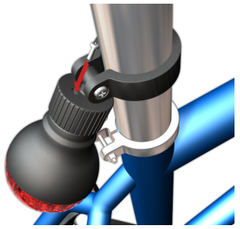


3. Remove main printed circuit board (PCB).

Stand Installation



1. Setup the stand at the prop under the seat.
2. Right turn to firm the Bike Guardian on the stand.



3. Turn a suitable angle for firm the Bike Guardian on the stand in case of the shaking when riding.
4. Turn an angle to make Bike Guardian parallel the road.

PRODUCT DESCRIPTIONS

Riding bicycle is getting popular nowadays because more and more people take global warming and their health seriously. However, stealing bicycle also become a big problem. Bike Guardian provide a solution not only a brake light for riding safety but burglarproof. When some one want to steal your bicycle, the sensor in the device would detect the movement. The device of transmitter and receiver will both triger the alarm to warn you. You can have more time to save your bicycle.

FEATURES

- All mode can be set by remote control
- Provide real time burglarproof alarm
- Provide warning and brake light to keep you safe in driving.
- Support Tx/Rx connectivity alarm

SAFETY PRECAUTIONS

Please follow the safety precautions carefully before you use the product. Make sure that you use the product correctly according to the procedures described in the guide.

1. Never place the product close to equipment generating strong electromagnetic fields.
* Exposure to strong magnetic fields may cause malfunctions.
2. Never plug or unplug the product if your hands are wet, otherwise it will may cause electrical shock.
3. Do not drop the product to the ground to avoid malfunction.
4. Do not attempt to disassemble or alter any part of the product that is not described in this guide.
5. Do not put heavy material on the product.
6. Do not use the product in a wet location.
* In the event that water or other liquids enter the interior, immediately unplug the product from the computer.
* When continuing usage of the product under above situation may cause fire or electric shock.
7. Do not place the product near a heat source or expose them to direct flame or heat.
8. Do not place the product in damp or dusty places.

SPECIFICATIONS

Transmitter

Size	92mmx59mmx59mm
Power (Operation time)	50hrs/TBD (AAA battery x 3)
Transmission Distance	50m typ. (Open Space)
Operating Temperature	0°C ~ +60°C (Excluding Battery)
Relative Humidity	5% to 95%, non-condensing.
Frequency	ISM, 2.4GHz ~ 2.5GHz
Output Power	0dBm, typ.
Power Supply	4.5V DC (typ.)
Red LED	Brake & Alarm Indicator (5 LEDs)
Voice	One buzzer for alarm

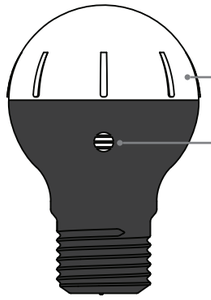
Package List

Transmitter x1	Receiver x1	User manual x1
Stand x1	Screw (Small) x1	Screw (Big) x2

PRODUCT OVERVIEW

Transmitter

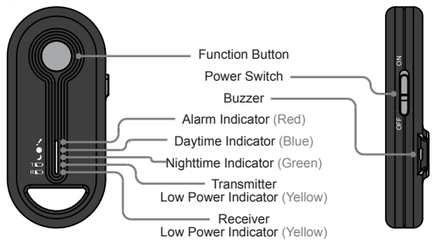
BOTTOM VIEW



BACK VIEW

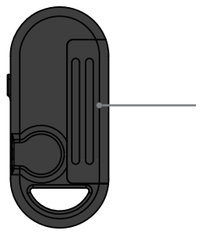
Receiver

TOP VIEW

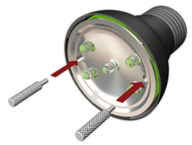


RIGHT VIEW

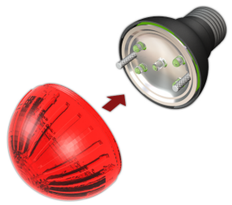
BOTTOM VIEW



4. Please follow the image on the battery holder to Install 3 x AAA battery (please note the orientation of battery).



5. Right turn to firm screws on the battery holder.



5. Right turn to firm the lampshade.

6. Power on the device.
The LEDs will twinkle once and buzzer will have a sound “bee”

Remote Control Device Installation and Use

1. Take the battery cover off.
2. Install 1 x AAA battery (please note the orientation of battery)
3. Install battery cover.

4. Power on. The Blue LED will be lighten and buzzer will have a sound “bee”

APPLICATION

Daylight mode

1. When both burglar alarm device and remote controller are powered on, the device will enter Daylight mode automatically.
2. In Daylight mode, the remote controller will have Blue LED lighting.
3. If user’s device is in Night mode and want to change back to Daylight mode, press the function button until the Blue LED lights up. Then, release the function button.
4. If user press the brake of the bike when riding, the device can detect the motion and light up the brake light.

Night mode

1. Press the function button of remote controller until Green LED lights up. Then, release the function button. And, LEDs of burglar alarm device will be twinkling. (default state)
2. Press the button of remote controller for once, the LEDs of burglar alarm device will be twinkling randomly.
3. If user press the brake of the bike when riding, the device can detect the motion and light up the brake light.

Burglar Alarm Mode

1. Press and hold the function button on the remote controller until the Red LED lights up. Then, release the function button.
2. At this point the burglar alarm device will sound twice and LEDs will flashes twice as well. It means the product has entered the Burglar Alarm mode.
3. To enter the anti-theft mode after any move; shake or sloshing burglar alarm device, The transmitter and receiver will both triger the buzzer and LEDs will keep flashing.
4. To release the Burglar Alarm function, press the button on the remote controller once.

Other Setting

1. In burglar mode if it exceeds the transmission coverage, the remote controller will be constant beeping.
2. If the **burglar alarm device** is in low battery, the remote controller will beep and the Yellow LED will lights up. Please change the batteries if you have the situation.
3. If the **remote controller** is in low battery, the Yellow LED will lights up. Please change the battery if you have the situation.

WARRANTY

If the product is in malfunction or damaged due to quality problem, please send it for repair. Free maintenance service is offered with 1 months from the date of purchasing. However, this warranty does not cover malfunction or damage resulted from human factor, such as dismantle unauthorized or improper use; in such cases, material cost and service fee will be charged. Warranty is to be proved with the Warranty Card included in the Packing Case. When purchasing the product, please check and ensure a Warranty Card is in the case and ask the dealer to fix shop stamp and insert date and model number on it to validate. When the product purchased is exceeded Free Warranty Period, we will charge fee for the maintenance and service.

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Model :

Serial Number :

Date of Purchase :

Stamp by shop

Not valid without stamp